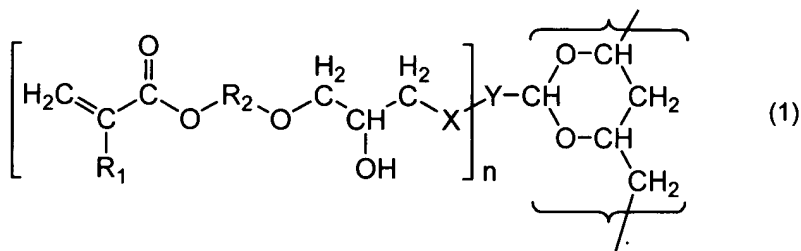
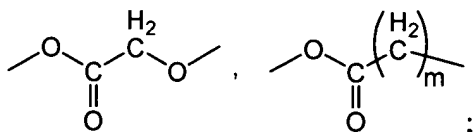


A) Amendments to the claims:

1. (currently amended) A saponified poly(vinyl acetate)-based photosensitive resin characterized by having a structural unit represented by formula (1):



(wherein R₁ represents H or Me; R₂ represents a linear or branched C2-C10 alkylene group; n is an integer of 1 to 3; X represents



m is an integer of 0 to 6; and Y represents an aromatic ring or a single bond).

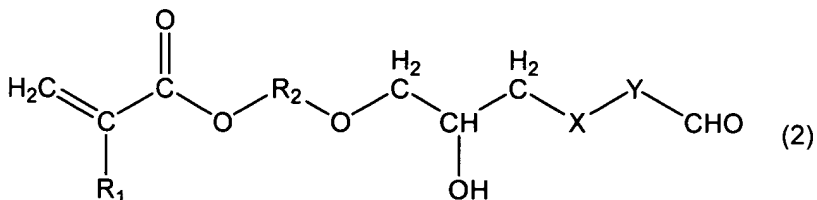
2. (original) A photosensitive resin composition comprising a photosensitive resin according to claim 1.

3. (original) A photosensitive resin composition according to claim 2, which further comprises at least one photopolymerization initiator.

4. (currently amended) A photosensitive resin composition according to claim 2 or 3, which further comprises water.

5. (currently amended) A method for forming a hydrogel comprising subjecting a photosensitive resin composition as recited in ~~any of~~ claims 2 to 4 to photopolymerization.

6. (currently amended) A compound represented by formula (2):



(wherein R₁ represents H or Me; R₂ represents a linear or branched C2-C10 alkylene group; X represents

